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a.

What is claimed is:

CLAIMS

- This P1*
1. A seal device for use in an adjustable tappet assembly for a disc brake for sealing between an internally threaded outer sleeve (24) and an externally threaded internal shaft (25) of the assembly, the device comprising a support element (31) adapted to be carried by the sleeve (24), the support element carrying a seal (33, 34), for sealing between the sleeve (24) and the shaft (25), having a lip portion (34) arranged to engage an unthreaded surface portion of said shaft (25) in sealing relationship for providing a high integrity seal during axial movement of the shaft (25) relative to the sleeve (24).
 2. A seal device according to claim 1, wherein an outer surface (30) of the support element (31) serves, in use, to provide a smooth sealing surface for engagement by a lip portion of a further seal (37) carried by adjacent structure.
 3. A seal device according to Claim 2, wherein the support element (31) is in the form of a cap having a generally annular skirt (30) adapted to fit, in use, over an end portion of the sleeve (24), the outer surface of the skirt (30) serving for engagement by said further seal (37).
 4. A seal device according to any one of Claims 1 to 3 wherein the support element (31) is carried externally by said sleeve (24).

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5. A seal device according to any one of Claims 1 to 4, wherein an annular base (32) of the support element (31) rests, in use, against the adjacent end of the sleeve (24) with a portion of said shaft (25) extending through the base (32).
6. A seal device as claimed in Claim 5, wherein the base (32) houses an annular rim (33) of the seal for sealing between the sleeve (24) and the shaft (25).
7. A seal device as claimed in Claim 5 or 6, wherein the lip portion (34) of the seal (33, 34) for sealing between the sleeve (24) and the shaft (25) extends axially away from the base (32) and the sleeve (24).
8. An adjustable tappet assembly for a disc brake, the assembly comprising an internally threaded outer sleeve (24), an externally threaded internal shaft (25), and a seal device (31, 33, 34), the seal device having a support element (31) carried by the sleeve (24), the support element (31) carrying a seal (33, 34) for sealing between the sleeve (24) and the shaft (25), having a lip portion (34) arranged to engage an unthreaded surface portion of said shaft (25) in sealing relationship for providing a high integrity seal during axial movement of the shaft (25) relative to the sleeve (24).
9. An assembly according to Claim 8, wherein an outer surface (30) of the support element (31) provides a smooth sealing surface engaged, in use, by a lip portion of a further seal (37) carried by adjacent structure.

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12. An assembly according to Claim 11, wherein an annular base of the cap rests, in use, against the adjacent end of the first part of the thrust assembly with a portion of said second part extending through the base.
13. A thrust assembly of a disc brake comprising a pair of relatively movable parts, and a seal device which has a support element carried by a first of said parts, the support element carrying a seal arranged to engage a surface of a second of said parts in sealing relationship, the support element being arranged so that an outer surface thereof serves, in use, for engagement by a further seal carried by adjacent structure.
14. An assembly according to Claim 13, wherein the support element is carried externally by said first part.
15. An assembly according to ~~Claim 13 or~~ Claim 14, wherein the support element is in the form of a cap having a generally annular skirt fitted over an end portion of the first element, the outer surface of the skirt providing the sealing surface engaged by the further seal.
16. An assembly according to Claim 14, wherein an annular base of the cap rests, in use, against the adjacent end of the first part of the thrust assembly with a portion of said second part extending through the base.
17. A disc brake incorporating a thrust assembly according to any one of Claims 9 to 16.

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